DOC ID # 62917

DOC TITLE/SUBJECT:

CHEMSOL, INC., OPERABLE UNIT 1
REMEDIAL INVESTIGATION REPORT VOLUME
1A: OCTOBER 1996

THIS DOCUMENT IS OVERSIZED AND CAN BE LOCATED IN THE ADMINISTRATIVE RECORD FILE AT THE

DOC ID # <u>62917</u>

DOC TITLE/SUBJECT:

FIGURE 2-1 CHEMSOL, INC., OPERABLE UNIT 1 SITE TOPOGRAPHIC MAP

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DOC TITLE/SUBJECT:

FIGURE 1-2 CHEMSOL, INC., OPERABLE UNIT 1 SITE MAP WITH PROPERTY BOUNDARIES

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DOC TITLE/SUBJECT:

FIGURE 2-2 CHEMSOL, INC., OPERABLE UNIT 1 AIR SAMPLING LOCATIONS

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DOC TITLE/SUBJECT:

FIGURE 2-3
CHEMSOL, INC., OPERABLE UNIT 1
SURFACE WATER / SEDIMENT SAMPLING
LOCATIONS

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DOC TITLE/SUBJECT:

FIGURE 2-4
CHEMSOL, INC., OPERABLE UNIT 1
LOCATION OF SOIL BORINGS

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DOC TITLE/SUBJECT:

FIGURE 2-5 CHEMSOL, INC., OPERABLE UNIT 1 LOCATION OF MONITORING WELLS AND PIEZOMETERS

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DOC TITLE/SUBJECT:

FIGURE 3-1 CHEMSOL, INC., OPERABLE UNIT 1 LOCATION OF MONITORING WELLS AND PIEZOMETERS

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DOC ID # 62917

DOC TITLE/SUBJECT:

FIGURE 3-2 CHEMSOL, INC., OPERABLE UNIT 1 TRACE OF GRAY SHALE AT LAND SURFACE

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DOC TITLE/SUBJECT:

FIGURE 3-3 CHEMSOL, INC., OPERABLE UNIT 1 SCHEMATIC HYDROGEOLOGIC CROSS SECTION

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DOC TITLE/SUBJECT:

FIGURE 3-4
CHEMSOL, INC., OPERABLE UNIT 1
PLAN VIEW OF STRIKE AND DIP CROSS
SECTIONS

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DOC TITLE/SUBJECT:

FIGURE 3-5A
CHEMSOL, INC., OPERABLE UNIT 1
CROSS SECTION VIEW 1D-1D' ALONG DIP

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DOC TITLE/SUBJECT:
FIGURE 3-5B
CHEMSOL, INC., OPERABLE UNIT 1

CROSS SECTION VIEW 2D-2D' ALONG DIP

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DOC TITLE/SUBJECT:

FIGURE 3-6
CHEMSOL, INC., OPERABLE UNIT 1
DETECTED DRAWDOWNS AT ALL
OBSERVATION WELLS DURING TESTS 2, 3,
AND 4 OF ROUND 1 PACKER TESTS

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DOC TITLE/SUBJECT:

FIGURE 3-7
CHEMSOL, INC., OPERABLE UNIT 1
DETECTED DRAWDOWNS AT ALL
OBSERVATION WELLS DURING LONG TERM
TEST AND TEST 6 OF ROUND 1 PACKER
TESTS

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DOC TITLE/SUBJECT:

FIGURE 3-8
CHEMSOL, INC., OPERABLE UNIT 1
DETECTED DRAWDOWNS AT ALL
OBSERVATION WELLS DURING TESTS 1, 2, 3,
AND 4 OF ROUND 2 PACKER TESTS

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DOC TITLE/SUBJECT:

FIGURE 3-9
CHEMSOL, INC., OPERABLE UNIT 1
DETECTED DRAWDOWNS AT ALL
OBSERVATION WELLS DURING TESTS 1, 2,
AND 3 OF ROUND 3 PACKER TESTS

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DOC TITLE/SUBJECT:
FIGURE 3-10
CHEMSOL, INC., OPERABLE UNIT 1
SCHEMATIC RESPONSE FOR ROUND 1
PACKER TEST 2

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DOC TITLE/SUBJECT:
FIGURE 3-11
CHEMSOL, INC., OPERABLE UNIT 1
SCHEMATIC RESPONSE FOR ROUND 1
PACKER TEST 3

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DOC TITLE/SUBJECT:
FIGURE 3-12
CHEMSOL, INC., OPERABLE UNIT 1
SCHEMATIC RESPONSE FOR ROUND 1
PACKER TEST 4

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DOC TITLE/SUBJECT:
FIGURE 3-13
CHEMSOL, INC., OPERABLE UNIT 1
SCHEMATIC RESPONSE FOR ROUND 1 LONG
TERM TEST

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DOC TITLE/SUBJECT:

FIGURE 3-14
CHEMSOL, INC., OPERABLE UNIT 1
SCHEMATIC RESPONSE FOR ROUND 1
PACKER TEST 6

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DOC TITLE/SUBJECT:
FIGURE 3-15
CHEMSOL, INC., OPERABLE UNIT 1
SCHEMATIC RESPONSE FOR ROUND 2
PACKER TEST 1

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DOC TITLE/SUBJECT:
FIGURE 3-16
CHEMSOL, INC., OPERABLE UNIT 1
SCHEMATIC RESPONSE FOR ROUND 2

PACKER TEST 2

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DOC TITLE/SUBJECT:
FIGURE 3-17
CHEMSOL, INC., OPERABLE UNIT 1
SCHEMATIC RESPONSE FOR ROUND 2
PACKER TEST 3

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DOC TITLE/SUBJECT:

FIGURE 3-18
CHEMSOL, INC., OPERABLE UNIT 1
SCHEMATIC RESPONSE FOR ROUND 2
PACKER TEST 4

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DOC TITLE/SUBJECT:
FIGURE 3-19
CHEMSOL, INC., OPERABLE UNIT 1
SCHEMATIC RESPONSE FOR ROUND 3
PACKER TEST 1

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DOC TITLE/SUBJECT:
FIGURE 3-20
CHEMSOL, INC., OPERABLE UNIT 1
SCHEMATIC RESPONSE FOR ROUND 3
PACKER TEST 2

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DOC TITLE/SUBJECT:

FIGURE 3-21 CHEMSOL, INC., OPERABLE UNIT 1 SCHEMATIC RESPONSE FOR ROUND 3 PACKER TEST 3

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DOC TITLE/SUBJECT:

FIGURE 3-22
CHEMSOL, INC., OPERABLE UNIT 1
ISOPOTENTIOMETRIC CONTOURS WITH
GROUNDWATER FLOW GRADIENTS FOR OW
SERIES WELLS ON AUGUST 29, 1994

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DOC TITLE/SUBJECT:

FIGURE 3-23
CHEMSOL, INC., OPERABLE UNIT 1
ISOPOTENTIOMETRIC CONTOURS WITH
GROUNDWATER FLOW GRADIENTS FOR TW
SERIES WELLS ON AUGUST 29, 1994

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DOC ID # 62917

DOC TITLE/SUBJECT:

FIGURE 3-24
CHEMSOL, INC., OPERABLE UNIT 1
ISOPOTENTIOMETRIC CONTOURS WITH
GROUNDWATER FLOW GRADIENTS FOR C-6,
C-8, C-9, AND C-10 ON MARCH 7,1994 AT 1603
HOURS

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DOC TITLE/SUBJECT:

FIGURE 3-25
CHEMSOL, INC., OPERABLE UNIT 1
ISOPOTENTIOMETRIC CONTOURS WITH
GROUNDWATER FLOW GRADIENTS FOR C-6,
C-8, C-9, AND C-10 ON MARCH 8,1994

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DOC ID # 62917

DOC TITLE/SUBJECT:

FIGURE 3-26
CHEMSOL, INC., OPERABLE UNIT 1
ISOPOTENTIOMETRIC CONTOURS WITH
GROUNDWATER FLOW GRADIENTS FOR C-6,
C-8, C-9, AND C-10 ON AUGUST 29,1994

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DOC ID # <u>62917</u>

DOC TITLE/SUBJECT:
FIGURE 3-27
CHEMSOL, INC., OPERABLE UNIT 1
ISOPOTENTIOMETRIC CONTOURS WITH
GROUNDWATER FLOW GRADIENTS FOR C-3,
C-4, AND C-5 ON DECEMBER 14,1992

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DOC TITLE/SUBJECT:

FIGURE 3-28
CHEMSOL, INC., OPERABLE UNIT 1
ISOPOTENTIOMETRIC CONTOURS WITH
GROUNDWATER FLOW GRADIENTS FOR C-3,
C-4, AND C-5 ON DECEMBER 22,1992

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DOC ID # 62917

DOC TITLE/SUBJECT:

FIGURE 3-29
CHEMSOL, INC., OPERABLE UNIT 1
ISOPOTENTIOMETRIC CONTOURS WITH
GROUNDWATER FLOW GRADIENTS FOR C-3,
C-4, AND C-5 ON AUGUST 5, 1994

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DOC ID # 62917

DOC TITLE/SUBJECT:

FIGURE 3-30
CHEMSOL, INC., OPERABLE UNIT 1
ISOPOTENTIOMETRIC CONTOURS WITH
GROUNDWATER FLOW GRADIENTS FOR C-3,
C-4, AND C-5 ON AUGUST 11, 1994

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DOC TITLE/SUBJECT:

FIGURE 3-31
CHEMSOL, INC., OPERABLE UNIT 1
ISOPOTENTIOMETRIC CONTOURS WITH
GROUNDWATER FLOW GRADIENTS FOR C-3,
C-4, AND C-5 ON AUGUST 16, 1994

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DOC TITLE/SUBJECT:

FIGURE 3-32
CHEMSOL, INC., OPERABLE UNIT 1
ISOPOTENTIOMETRIC CONTOURS WITH
GROUNDWATER FLOW GRADIENTS FOR C-3,
C-4, AND C-5 ON AUGUST 22, 1994

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DOC TITLE/SUBJECT:

FIGURE 3-33
CHEMSOL, INC., OPERABLE UNIT 1
ISOPOTENTIOMETRIC CONTOURS WITH
GROUNDWATER FLOW GRADIENTS FOR C-3,
C-4, AND C-5 ON AUGUST 29, 1994

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DOC TITLE/SUBJECT:

FIGURE 3-34
CHEMSOL, INC., OPERABLE UNIT 1
ISOPOTENTIOMETRIC CONTOURS WITH
GROUNDWATER FLOW GRADIENTS OF DMW1, DMW-3, DMW-5, AND DMW-11 ON JANUARY
11, 1994 AT 1508 HOURS

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DOC TITLE/SUBJECT:

FIGURE 3-35
CHEMSOL, INC., OPERABLE UNIT 1
ISOPOTENTIOMETRIC CONTOURS WITH
GROUNDWATER FLOW GRADIENTS OF DMW1, DMW-3, DMW-5, DMW-7 AND DMW-11 ON
JANUARY 12, 1994 AT 0408 HOURS

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DOC TITLE/SUBJECT:

FIGURE 3-36
CHEMSOL, INC., OPERABLE UNIT 1
ISOPOTENTIOMETRIC CONTOURS WITH
GROUNDWATER FLOW GRADIENTS OF DMW1, DMW-5, DMW-7 AND DMW-11 ON JANUARY
21, 1994 AT 1500 HOURS

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DOC ID # 62917

DOC TITLE/SUBJECT:

FIGURE 3-37
CHEMSOL, INC., OPERABLE UNIT 1
ISOPOTENTIOMETRIC CONTOURS WITH
GROUNDWATER FLOW GRADIENTS OF DMW1, DMW-3, DMW-5, DMW-7, DMW-9, DMW-10,
DMW-11, AND MW-104 ON AUGUST 29, 1994

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DOC TITLE/SUBJECT:

FIGURE 3-38
CHEMSOL, INC., OPERABLE UNIT 1
ISOPOTENTIOMETRIC CONTOURS WITH
GROUNDWATER FLOW GRADIENTS OF DMW2, DMW-4, DMW-6, DMW-8, AND MW-101, MW102, & MW-103 ON JANUARY 11, 1994 AT 1548
HOURS

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DOC TITLE/SUBJECT:

FIGURE 3-39
CHEMSOL, INC., OPERABLE UNIT 1
ISOPOTENTIOMETRIC CONTOURS WITH
GROUNDWATER FLOW GRADIENTS OF DMW2, DMW-4, DMW-6, DMW-8, AND MW-101, MW102, & MW-103 ON JANUARY 12 1994 AT 0408
HOURS

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DOC TITLE/SUBJECT:

FIGURE 3-40
CHEMSOL, INC., OPERABLE UNIT 1
ISOPOTENTIOMETRIC CONTOURS WITH
GROUNDWATER FLOW GRADIENTS OF DMW2, DMW-4, DMW-6, DMW-8, AND MW-101, MW102, & MW-103 ON AUGUST 29, 1994

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DOC TITLE/SUBJECT:

FIGURE 3-41
CHEMSOL, INC., OPERABLE UNIT 1
BORING CROSS SECTION LOCATIONS

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DOC ID # 62917

DOC TITLE/SUBJECT:

FIGURE 3-43 CHEMSOL, INC., OPERABLE UNIT 1 PRESENCE OF WATER IN OVERBURDEN SOIL IN NOVEMBER, 1993

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DOC TITLE/SUBJECT:

FIGURE 4-3
CHEMSOL, INC., OPERABLE UNIT 1
SOILS WITH TCL ORGANICS CONTAMINATION
ABOVE NEW JERSEY CLEANUP CRITERIA

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DOC TITLE/SUBJECT:

FIGURE 6-2 CHEMSOL, INC., OPERABLE UNIT 1 SITE MAP WITH PROPERTY BOUNDARIES

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DOC ID # 62917

DOC TITLE/SUBJECT:

FIGURE 6-3 CHEMSOL, INC., OPERABLE UNIT 1 SOIL BORING LOCATIONS

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DOC TITLE/SUBJECT:

FIGURE 6-4
CHEMSOL, INC., OPERABLE UNIT 1
AIR SAMPLING LOCATIONS

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DOC TITLE/SUBJECT:

FIGURE 6-5 CHEMSOL, INC., OPERABLE UNIT 1 MONITORING WELL AND PIEZOMETER LOCATIONS

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DOC ID # 62917

DOC TITLE/SUBJECT:

FIGURE 6-6
CHEMSOL, INC., OPERABLE UNIT 1
SURFACE WATER / SEDIMENT SAMPLING
LOCATIONS

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DOC TITLE/SUBJECT:
FIGURE 7-1
CHEMSOL, INC., OPERABLE UNIT 1
LOCATION OF WATERWAYS

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DOC ID # 62917

DOC TITLE/SUBJECT:

FIGURE 7-2 CHEMSOL, INC., OPERABLE UNIT 1 SOIL DISRUPTION FEATURES

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DOC ID # 62917

DOC TITLE/SUBJECT:
FIGURE 7-3
CHEMSOL, INC., OPERABLE UNIT 1
WETLANDS MAP

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DOC TITLE/SUBJECT:

FIGURE 7-4
CHEMSOL, INC., OPERABLE UNIT 1
VEGETATION COMMUNITY MAP

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